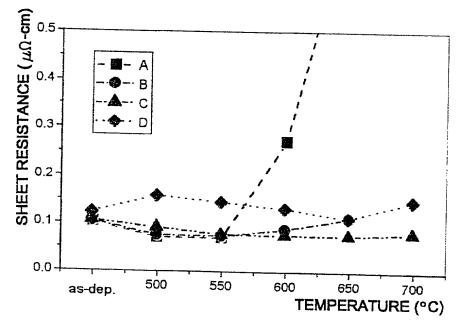


FIG. 8



SAMPLE A: Cu(300nm) / TiN(20nm) / Si SAMPLE B: Cu(300nm) / Al (5nm) / TiN(20nm) / Si SAMPLE C: Cu(300nm) / Al (10nm) / TiN(20nm) / Si SAMPLE D: Cu(300nm) / Al (20nm) / TiN(20nm) / Si

FIG. 9A

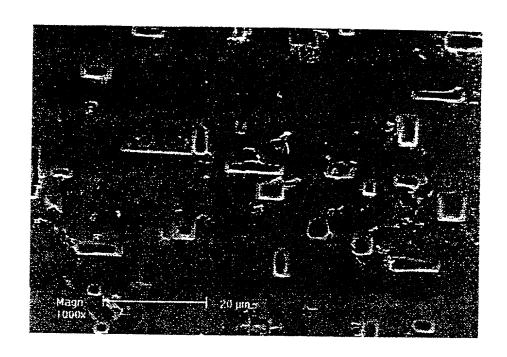


FIG. 9B

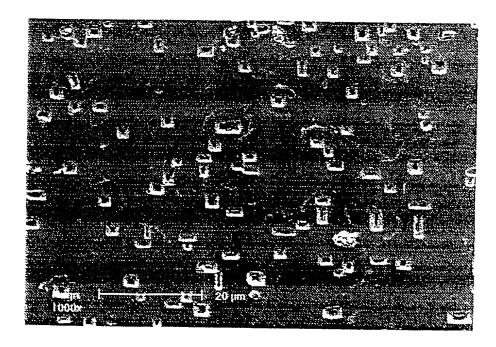


FIG. 9C

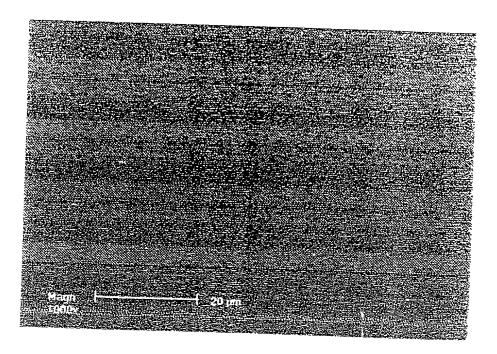
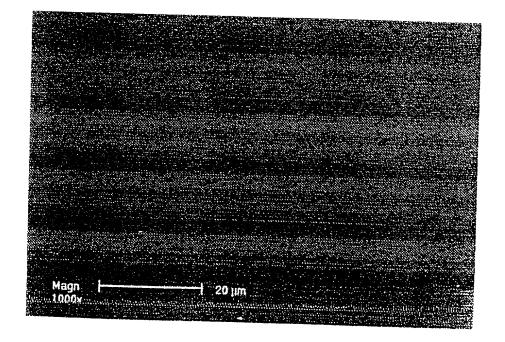
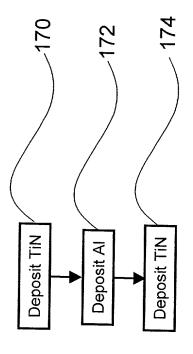


FIG. 9D





-ig. 10

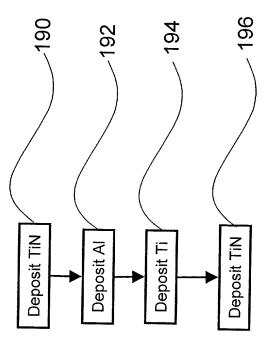


Fig. 11

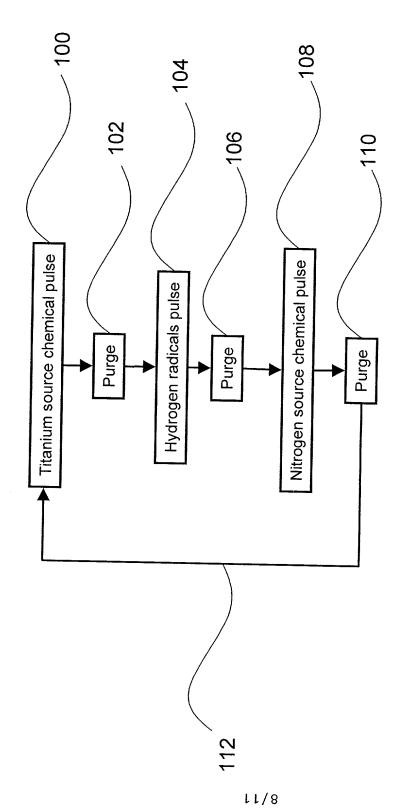


Fig. 12

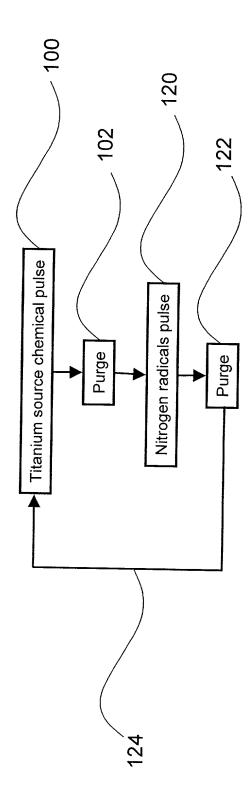


Fig. 13

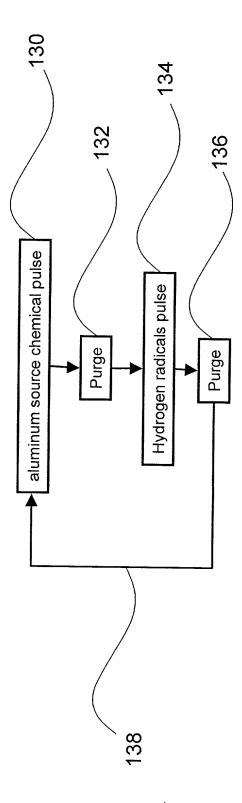


Fig. 14

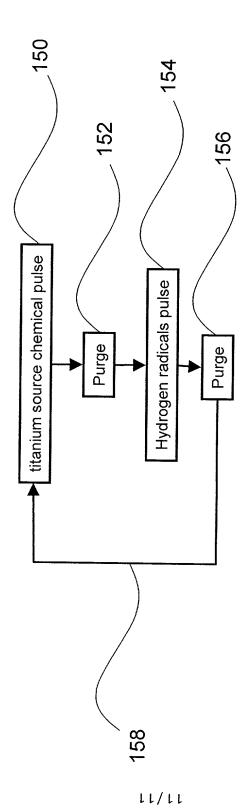


Fig. 15